

DEPARTMENT of ENVIRONMENTAL SERVICES
Water Supply & Pollution Control Division - Biology Bureau

LAKE TROPHIC DATA

MORPHOMETRIC:

Lake: PHILBROOK POND	Lake Area (ha):	---
Town: KENSINGTON	Maximum depth (m):	---
County: Rockingham	Mean depth (m):	---
River Basin: Coastal	Volume (m ³):	---
Latitude: 42°56'27" N	Relative depth:	---
Longitude: 70°56'44" W	Shore configuration:	---
Elevation (ft): ---	Areal water load (m/yr):	---
Shore length (m): ---	Flushing rate (yr ⁻¹):	---
Watershed area (ha): ---	P retention coeff.:	---
% watershed ponded: ---	Lake type:	

BIOLOGICAL:

1 August 1997

DOM. PHYTOPLANKTON (% TOTAL)	#1	
	#2	
	#3	
PHYTOPLANKTON ABUNDANCE (units/mL)		
CHLOROPHYLL-A (µg/L)		
DOM. ZOOPLANKTON (% TOTAL)	#1	
	#2	
	#3	
ROTIFERS/LITER		
MICROCRUSTACEA/LITER		
ZOOPLANKTON ABUNDANCE (#/L)		
VASCULAR PLANT ABUNDANCE		
SECCHI DISK TRANSPARENCY (m)		
BOTTOM DISSOLVED OXYGEN (mg/L)		
BACTERIA (E. coli, #/100 ml)	#1	
	#2	
	#3	

SUMMER THERMAL STRATIFICATION:

Depth of thermocline (m):
Hypolimnion volume (m³):
Anoxic volume (m³):

CHEMICAL:

Lake: PHILBROOK POND

Town: KENSINGTON

1 August 1997

DEPTH (m)					
pH (units)					
A.N.C. (Alkalinity)					
NITRATE NITROGEN					
TOTAL KJELDAHL NITROGEN					
TOTAL PHOSPHORUS					
CONDUCTIVITY (μ mhos/cm)					
APPARENT COLOR (cpu)					
MAGNESIUM					
CALCIUM					
SODIUM					
POTASSIUM					
CHLORIDE					
SULFATE					
TN : TP					
CALCITE SATURATION INDEX					

All results in mg/L unless indicated otherwise

TROPHIC CLASSIFICATION: 1997

D.O. S.D. PLANT CHL TOTAL CLASS

**	**	**	**	**	-99.
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COMMENTS:

1. This pond is less than 10 acres and has no public access. It was visited but not surveyed. It is designated as *private* in the lakes database.